IN THE WITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Andrew S. Greenberg

Serial No.: 09/690,647

Filed: October 17, 2000

For: Methods for Treating and Preventing Insulin

Resistance and Related Disorders

Examiner: Schmidt, M.

TECH CENTER 1600/2900

Group Art Unit: 1635

Docket No.: TUV-005.01

**Assistant Commissioner for Patents** Washington, DC 20231

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date set forth below.

January 21, 2001

Date of Signature and Mail Deposit

By:

## RESPONSE AND AMENDMENT

Dear Sir:

Applicants submit this Response and Amendment in response to the Office Action dated September 21, 2001. A Petition for a Two Month Extension of Time and appropriate fee are filed concurrently herewith. Please amend the application as follows.

## In the claims:

Please cancel claim 2 without prejudice, and replace claims 4-6, 8-10 with the following replacement claims: .

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- (Amended) A method for preventing or treating a disease or condition caused, or 1. contributed to, by lipolysis or elevated FFA levels in a subject, comprising administering to the subject a pharmaceutically effective amount of an inhibitor of a [MAPK pathway] ERK1/2, a MEK or a JNK to reduce lipolysis, to thereby prevent or treat the disease or condition in the subject.
- (Amended) The method of claim 3, wherein the inhibitor decreases the protein level of 4. ERK1/2, a MEK and/or a JNK.

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